

# Converting Colors

HunterLab(77.1888, -58.3963,  
34.3129)

Have a look what the booklet for  
HunterLab(77.1888, -58.3963,  
34.3129) contains.

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# Color

**HunterLab(77.1888,  
-58.3963, 34.3129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31E872
RGB	49, 232, 114
RGB Percent	19%, 91%, 45%
CMY	0.8078, 0.0902, 0.5529
CMYK	0.79, 0.00, 0.51, 0.09
HSL	141°, 80%, 55%
HSV	141°, 79%, 91%
XYZ	33.1605, 59.5811, 25.6722
YIQ	163.8310, -71.1900, -75.4940

# Conversions

## Conversions Part 2

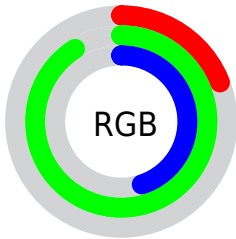
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 184, 232
Decimal	3270770
CIELab	81.61, -68.74, 44.74
CIELCh	82, 82.018, 146.944
Yxy	59.5835, 0.2800, 0.5032
Android (android.graphics.Color)	4281460850 (0xFF31E872)
YUV	163.8310, -24.5667, -100.7068
Hunter-Lab	77.1888, -58.3963, 34.3129

# Details

The HunterLab color **77.1888, -58.3963, 34.3129** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **47.0569, 74.5171, -15.7649**, and the grayscale version is **60.9801, -3.2537, 3.3132**.

A 20% lighter version of the original color is **88.7170, -52.0680, 28.9976**, and **55.6846, -45.5198, 28.6632** is the 20% darker color. If you saturate the color by 10%, you get **76.7035, -60.8493, 37.0661**, and if you desaturate by 10%, it is **77.9006, -54.9695, 31.2422**.

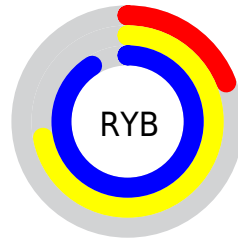
# Distribution



Red (19%)

Green (91%)

Blue (45%)



Red (19%)

Yellow (72%)

Blue (91%)

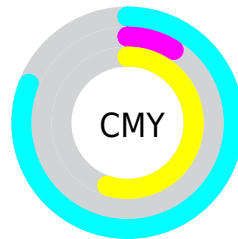


Cyan (79%)

Magenta (0%)

Yellow (51%)

Black (9%)



Cyan (81%)

Magenta (9%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.1888, -58.3963, 34.3129 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 77.1888, -58.3963, 34.3129 by changing the saturation by 10% instead.



■ 77.1888, -58.3963,  
34.3129

■ 77.1888, -58.3963,  
34.3129

205.6845,  
-92.6279, 59.0210

■ 65.6377, -53.9214,  
31.1721

■ 102.0908,  
-66.7911, 40.2621

■ 54.7268, -49.2052,  
27.8874

■ 115.3843,  
-70.7678, 43.1055

■ 44.4981, -44.1896,  
24.4266

■ 129.2094,  
-74.6264, 45.8798

■ 35.0005, -38.7924,  
20.7490

■ 143.5464,  
-78.3832, 48.5954

■ 26.2953, -32.8953,  
16.8673

■ 158.3777,  
-82.0516, 51.2607

■ 18.4625, -26.5483,  
12.9237

173.6873,

■ 11.6130, -20.3227,

-85.6426, 53.8829

8.1291

189.4606,  
-89.1654, 56.4680

■ 4.2235, -7.3911,  
2.9565

0.0000, NaN, NaN

■ 77.1888, -58.3963,  
34.3129

■ 77.1888, -58.3963,  
34.3129

■ 76.7035, -60.8493,  
37.0661

■ 77.9006, -54.9695,  
31.2422


■ 76.4027, -62.4618,  
39.4633


■ 78.8552, -50.5127,  
27.8901


■ 76.3747, -62.6147,  
39.7056


■ 80.0679, -45.0162,  
24.2998

■ 81.5469, -38.5047,  
20.5181

 83.2952, -31.0319,  
16.5935

 85.3119, -22.6725,  
12.5737

 87.5924, -13.5150,  
8.5037

 90.1294, -3.6552,  
4.4237

 92.6244, 5.8398,  
-0.0044

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1904, -35.8513, 45.0189



77.1888, -58.3963, 34.3129



77.1904, -66.6800, 7.9853

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1904, -58.3972, 34.3134



77.1904, -8.1631, -109.6985



77.1904, 76.7025, 30.4608

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.1888, -58.3963, 34.3129



47.0569, 74.5171, -15.7649

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1904, 88.2092, 0.2163



77.1888, -58.3963, 34.3129



77.1904, 33.7365, -93.0469

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1904, -58.3972, 34.3134



77.1904, -41.6133, -85.1997



77.1904, 71.1274, -47.0374



77.1904, 42.2515, 43.7188



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1888, -58.3963, 34.3129



77.1904, -64.5730, -20.1901



77.1904, 71.1274, -47.0374



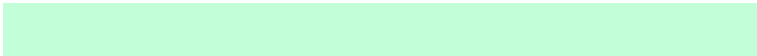
77.1904, 83.6508, 22.5618

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.1904, -58.3972, 34.3134



93.7533, -30.2375, 16.3543



81.3984, -42.5581, 47.2955



43.0126, -15.4997, 8.3051

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1904, -58.3972, 34.3134



85.1473, -69.0006, 43.0755



79.2179, -46.0438, 4.9904



40.2161, -6.4646, 4.0176



56.9241, -46.5334, 29.3021



15.5297, -12.3041, 7.1502



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.0569, 74.5171, -15.7649



49.4008, 88.9310, -13.0263



44.5887, 64.8812, 19.4090



38.1100, 2.4703, 0.2756



32.8090, 59.9660, -8.0982

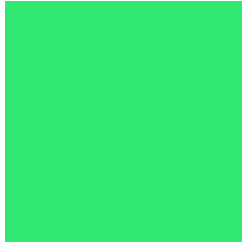


9.0165, 16.6517, -3.5587



# Previews

## White Background



This preview shows how the HunterLab color 77.1888, -58.3963, 34.3129 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.1888, -58.3963, 34.3129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 77.1888, -58.3963, 34.3129 Background



This preview shows how black text looks on a background with the HunterLab color 77.1888, -58.3963, 34.3129.



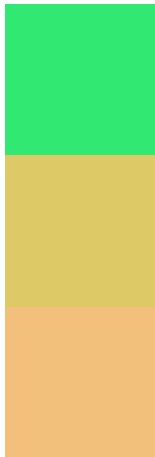
This preview shows how white text looks on a background with the HunterLab color 77.1888, -58.3963, 34.3129.

-58.3963, 34.3129.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

77.1888, -58.3963, 34.3129

### Protanopia

76.3428, -8.6052, 36.9257

### Deuteranopia

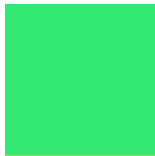
76.2950, 5.5730, 32.2915



## Tritanopia

77.0531, -29.1663, -14.0935

# Trichromacy



## Original Color

77.1888, -58.3963, 34.3129



## Protanomaly

74.5114, -33.3838, 34.2607



## Deuteranomaly

73.9948, -26.4453, 30.8943



## Tritanomaly

76.7244, -42.2232, 8.0009

# Monochromacy



## Original Color

77.1888, -58.3963, 34.3129



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

65.2749, -28.3323, 15.0253

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.1888, -58.3963, 34.3129 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(49, 232, 114)` looks like.

```
.text, #text, p{  
    color:rgb(49, 232, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(49, 232, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 232, 114) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.1888, -58.3963, 34.3129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 232, 114) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(49, 232, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(49, 232, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 232, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 232, 114);  
box-shadow:4px 4px 4px 4px rgb(49, 232,  
114) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.1888, -58.3963, 34.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 232, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(49, 232,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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